

REMARKS

Claims 1 to 4 were pending in the present application when last examined. Applicant has amended claim 1 and canceled claim 3. Claims 1, 2, and 4 remain pending in the present application.

Objections/Rejections of Claim 3 and Request for Information under Rule 105

The Examiner objected to the Specification and rejected claim 3 for a lack of enablement. The Examiner further requested additional information regarding enablement for claim 3. Applicant has canceled claim 3 to expedite prosecution. Applicant notes that a charge pump is simply a source of charge, which is well understood by one skilled in the art. As illustrated in Fig. 6, charge pump 22 is coupled in parallel with a capacitor to supply charge to node A, which can be readily understood by one skilled in the art.

§§102 and 103 Rejections of Claim 1

The Examiner rejected claim 1 under 35 U.S.C. § 102(b) as being anticipated by U.S. Patent Nos. 4,789,887 and 5,960,333. The Examiner rejected claim 1 under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent No. 6,542,375. Applicant has amended claim 1, which now recites:

1. A circuit comprising:
 - a semi-conductor substrate;
 - a coupler;
 - a detector, electrically connected to the coupler,
 - a conductor above the coupler, wherein the coupler detects a power delivered into the conductor; and
 - the coupler and detector integrated into the semi-conducting substrate.


Claim 1. None of the cited references disclose or suggest a broad side coupler located below the conductor to be detected. Instead, the cited references generally show an edge coupler located on the side of the conductor to be detected. Support for amended claim 1 can be found in Figs. 4, 5, and 6, where the coupler is illustrated below the conductor to be detected in the substrate.

Claims 2 and 4


Claims 2 and 4 depend from amended claim 1 and are patentable over the cited references for at least the same reasons as amended claim 1.

Summary

In summary, claims 1 to 4 were pending in the above-identified application. Applicant has amended claim 1 and canceled claim 3. For the above reasons, Applicant respectfully requests the Examiner to withdraw the claim objections/rejections and allow claims 1, 2, and 4. Should the Examiner have any questions, please call the undersigned at (408) 382-0480x206.

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Respectfully submitted,


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